

ABSTRACT

An electrolytic capacitor having a low impedance characteristic, having a high withstand voltage characteristic of 100V class, wherein the electrolytic capacitor provides an excellent high temperature life characteristic and an excellent leakage characteristic.

The electrolyte solution containing the aluminum tetrafluoride salt is used. The electrolytic capacitor of the present invention has a low impedance characteristic, a high withstand voltage characteristic, and an excellent high temperature life characteristic. Moreover, the aforementioned electrolyte solution is used, and a foil showing noble potential at least in the electrolyte solution than the electrode potential of the cathode tab, or a cathode electrode foil subjected to chemical treatment is used as the cathode electrode foil, so as to obtain an excellent leakage characteristic.